JC03 Rec'd PCT/PTO 18 MAR 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007, OMB 0551-0021
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TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 0321.68334

CONC	ERNING A SUBMISSIO	U.S. APPLICATION NO 15 120 9 37 CP 1.5)					
	NAL APPLICATION NO. 2003/031600	INTERNATIONAL FILING DATE October 6, 2003	PRIORITY DATE CLAIMED October 5, 2002				
TITLE OF INV SYNTHES	TITLE OF INVENTION SYNTHESIS AND USE OF INORGANIC POLYMER SENSOR FOR DETECTING NITROAROMATIC COMPOUNDS						
APPLICANT(S) FOR DO/EO/US Michael J. Sailor, William C. Trogler, Honglae Sohn, Sarah J. Toal							
Applicant he	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. I This							
2. This	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. This (5),	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.	US has been elected (Article 31).						
s. 🕍 A	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a.	is attached hereto (required of	only if not communicated by the Internation	al Bureau).				
b.	has been communicated by t	the International Bureau.					
С.	is not required, as the applica	ation was filed in the United States Receiving	ng Office (RO/US).				
6. An	English language translation of the	International Application as filed (35 U.S.C.	. 371(c)(2)).				
a.	is attached hereto.						
b.	has been previously submitte	ed under 35 U.S.C. 154(d)(4).					
7. 🗹 Am	nendments to the claims of the Intern	national Application under PCT Article 19 (3	15 U.S.C. 371(c)(3))				
a.	are attached hereto (require	ed only if not communicated by the Internati	onal Bureau).				
b.	have been communicated b	y the International Bureau.					
C.	have not been made; however	ver, the time limit for making such amendme	ents has NOT expired.				
d.	have not been made and wi	Il not be made.	·				
8. Ar	English language translation of the	amendments to the claims under PCT Artic	cle 19 (35 U.S.C. 371(c)(3)).				
9. 🚺 An	oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (informal)	·				
10. An	English language translation of the dide 36 (35 U.S.C. 371(c)(5)).	annexes of the International Preliminary Ex	amination Report under PCT				
Items 11 t	o 20 below concern document(s)	or information included:					
11 An	Information Disclosure Statement un	nder 37 CFR 1.97 and 1.98.	•				
12. 🔲 🛮 An	assignment document for recording.	. A separate cover sheet in compliance with	n 37 CFR 3.28 and 3.31 is included.				
13. 🗹 A p	reliminary amendment.						
14. An	Application Data Sheet under 37 CF	FR 1.76.					
15. A s	ubstitute specification.		*				
16. 🔲 Ap	ower of attorney and/or change of a	ddress letter.	·				
17. A o	omputer-readable form of the seque	nce listing in accordance with PCT Rule 13	ter.2 and 37 CFR 1.821- 1.825.				
18. A s	econd copy of the published Interna-	tional Application under 35 U.S.C. 154(d)(4).				
19. A s	econd copy of the English language	translation of the international application (ınder 35 U.S.C. 154(d)(4).				
20. 🗹 Othe	er items or information: 13 sheets	formal drawings					
is collection of in	is collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the						

USP10 to process) an application. Confidentiality is governed by 35 U.S.C. 122 and including gathering information, preparing, and submitting the completed form to the US of time you require to complete this form and/or suggestions for reducing this burden,: Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEN Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Date

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U.S. APPLICATIO		n see 37 CER 1.5	PCT/US2003/0316		0321.68334	CKET NUMBER
The following fees have been submitted			CALCULATIONS	PTO USE ONLY		
21. A Basic national fee \$300			\$ 300.00	1		
If International pre PCT Article 33(1)-(4)	\$ 200.00				
All other situations					\$ 100.00 \$ \$ 600.00	
Additional fee	TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each	additional 50 or fraction up to a whole number)	RATE		
- 100 =	/50 =			x \$250	\$	
Surcharge of \$130 claimed priority da			ration later than 30 months fi	om the earliest	\$	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	35	- 20 =	15	× \$50	\$ 750.00	
Independent claim	s 6	- 3 =	3	x \$200	\$ 600.00	
MULTIPLE DEPEN	NDENT CLAIM(S	S) (if applicable)		+ \$360	\$	
			TOTAL OF ABOVE	CALCULATIONS =	\$ 1950.00	
Applicant clair	ns small entity st	tatus. See 37 CFR	1.27. Fees above are reduc	ed by 1/2.		
			•	SUBTOTAL =	\$ 975.00	
Processing fee of s claimed priority da		\$				
			TOTAL	NATIONAL FEE =	\$ 975.00	
			1.21(h)). The assignment mu 40.00 per property	st be accompanied +	\$	
			TOTAL F	EES ENCLOSED =	\$ 975.00	
		· · · · · · · · · · · · · · · · · · ·	**************************************	8	Amount to be refunded:	\$
					Amount to be charged:	\$
a. A check	in the amount of	\$ 975.00	to cover the abo	ve fees is enclosed.		
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2067. A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRI	ESPONDENCE '					
GREER, BUR						
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Chicago, Illino						
(312) 360-0080 35,132						
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0321.68334

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 10 / 528 9 6

Applicant:	Michael J. Sailor	l hereby certify that this paper is being deposited with the United States Postal Service as Express Mail in an					
Serial No.:		envelope addressed to: MS PATENT APPLICATION, COMMISSIONER FOR PATENTS, P.O. Box 1450,					
Conf. No.:		Alexandria, VA 22313-1450, on this date.					
Filed:		Date Express Mail No. EL965134350US					
For:	SYNTHESIS AND USE OF INORGANIC POLYMER SENSOR FOR DETECTING NITROAROMATIC COMPOUNDS	,)))					
Art Unit:))					
Examiner:							
	DDAWING TRANSMITTAL LET	red					
Mail Stop PGPUI Commissioner for P.O. Box 1450 Alexandria, VA 2	Patents	<u>IER</u>					
Dear Sir:							
Enclosed herewith	n please find:						
	ets of redlined drawing(s) which indicate proposed change posed changes, formal drawing(s) will be submitted.	s to the drawing(s). Upon approval of these					
wh	_ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated Please retain the remaining originally filed sheets.						
and	ets of corrected formal drawing(s), as required by the Noti I approved in the Notice of Allowability dated ginally filed sheets.						
	sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.						
(X) <u>13</u> sh	eets of formal drawings.						
Examiner's appro	val of the entry of these drawings is respectfully requeste	d. No new matter has been added.					
	Respectfully submitt	ed,					
	GREER, BURNS &	CRAIN, LTD.					
	By Steven P. F	allon					

Registration No. 35,132

March 18, 2005 300 South Wacker Drive, Suite 2500 Chicago, Illinois 60606 (312) 360-0080

Customer No. 24978